Curriculum vitae

Name: CSANÁD, Máté
Date and place of birth: Budapest, 1980.
Nationality: Hungarian
Status: Assistant Lecturer, Eötvös University, Department of Atomic Physics
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Universty studies:

Leopold Franzens Universität, Innsbuck, Austria, major of physics (1998-1999)
Eötvös Loránd University Budapest, major of german special translator (1999-2002)
Eötvös Loránd University Budapest, major of physics (1999-2004)
Eötvös Loránd University Budapest, PhD student, particle- and astrophysics (2004-2007)
State University of New York at Stony Brook, visiting PhD student (2005-2006)

MSc Thesis (June 2004), „jeles"

Experimental and Theoretical Investigation of Heavy Ion Collisions at RHIC

PhD Thesis (June 2007), „summa cum laude"

Experimental and Theoretical Investigation of Heavy Ion Collisions at RHIC

Fellowships and honours:

Scholarship of the Hungarian Republic, 2003/2004
Excellent Student of the Faculty, Eötvös Lóránd University, 2003/2004
Vladimir N. Gribov Diploma by G. 't Hooft and A. Zichichi, at the
International School of Subnuclear Physics, Erice, August 29 - September 7, 2005
Paul A. M. Dirac Diploma by G. 't Hooft and A. Zichichi, at the
International School of Subnuclear Physics, Erice, August 29 - September 7, 2006
Fulbright Postgraduate Scholarship, 2005/2006

University teaching experience:

Physics BSc courses:

Differential equations, practical course
Numerical differential equations, practical course
Atomic physics, practical course
Nuclear physics lab, measurement of Compton scattering, laboratory course

Environmental Science BSc courses:

Informatics, lecture + practical course
Environmental physics lab, noise measurement, laboratory course
Radiation physics lab, PET measurement, laboratory course
Environmental physics methods lab, electromagnetic radiation measurement, laboratory course

Research statistics:

Papers: 57 (45 peer-reviewed)
Citations: 1608 (1309 independent)
Conference talks: 22 (5 posters)

Research subjects:

Sonoluminescence (2002-2003)

Analysis of reachable temperatures in single bubble sonoluminescence

High energy heavy ion physics (since 2002)

Buda-Lund hydrodynamical model, developing and data fitting,
Analysis of particle spectra, correlations and flow measured in Au+Au and p+p collisions
Development and analysis of analytic hydrodynamical models, software project management

Member of PHENIX Collaboration (since 2002)

Two and three-particle correlations analysis,
Working with the PHENIX Zero Degree Calorimeter
Analysis of ultra-peripheral collisions, software project management

Computer skills:

Unix, Windows and office applications user knowledge
Programming: shell, C/C++, perl, sql databases
Web-design: html, css, ssi, php, js

Language skills:

Hungarian (mother tongue), German (fluent), English (fluent)

Interests, hobbies:

Sports (ski, soccer, aikido, swimming, bicycling, water polo), scouting
Theater, movies, literature, audiovisual techniques, photography, film-making